

28 January 1993
Project 1886.02

Ravi Arulanantham, Ph.D., CHMM
Alameda County Health Care Services Agency
Division of Hazardous Materials
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94621

Subject: Additional Soil Sampling/Phase II Development Area
Lots 1-5, Tract 6391
Sunnyside Nursery
Hayward, California

Dear Dr. Arulanantham:

On behalf of The Plymouth Group (Plymouth), of Mountain View, California, Geomatrix Consultants, Inc. (Geomatrix), has developed a soil sampling program for five lots that Plymouth wishes to add to their Phase II development of the Sunnyside Nursery parcel. These lots, lots 1 through 5 of Tract 6391, border Mohr Drive and cover approximately 23,000 square feet. The soil sampling program is intended to augment five near-surface soil samples collected by Terratech Inc. (Terratech) of San Jose, California in December of 1990 and February of 1991. Locations of the soil samples collected by Terratech, along with their respective concentrations of pesticides detected, are shown on the attached site map.

We propose to collect both a surface soil sample (0-4 inches below ground surface) and a near surface soil sample (8-12 inches below ground surface) from six locations within the subject area. Two sampling locations will be adjacent to Terratech samples HS-15 and RS-41, where elevated concentrations of endosulfan were detected; four sampling locations will be collected from the site to provide additional site coverage. The proposed supplemental sampling locations are identified on the attached figure.

Soil samples will be analyzed for organochlorine pesticides and polychlorinated biphenyls following Environmental Protection Agency (EPA) Method 8080. Organophosphorus pesticides have not been detected in previous sampling programs conducted by Geomatrix and Terratech, within the Sunnyside Nursery parcel; therefore, analysis for organophosphorus pesticides (EPA Method 8140) is not included in this sampling program.

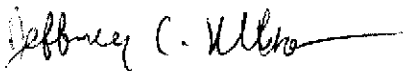
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Soil samples will be collected in 4-inch-long brass tubes using a hand-held drive sampler following protocols specified in the EPA Publication 600/8/80-038 entitled Manual of Analytical Methods for the Analysis of Pesticides in Humans and Environmental Samples. Geomatrix protocols for field and chain-of-custody procedures will be followed as well.

Results of this sampling program will be used to assess requirements for subsequent remediation of site soil prior to development. If you have any questions regarding this soil sampling plan, please contact either of the undersigned.

Sincerely,

GEOMATRIX CONSULTANTS, INC.



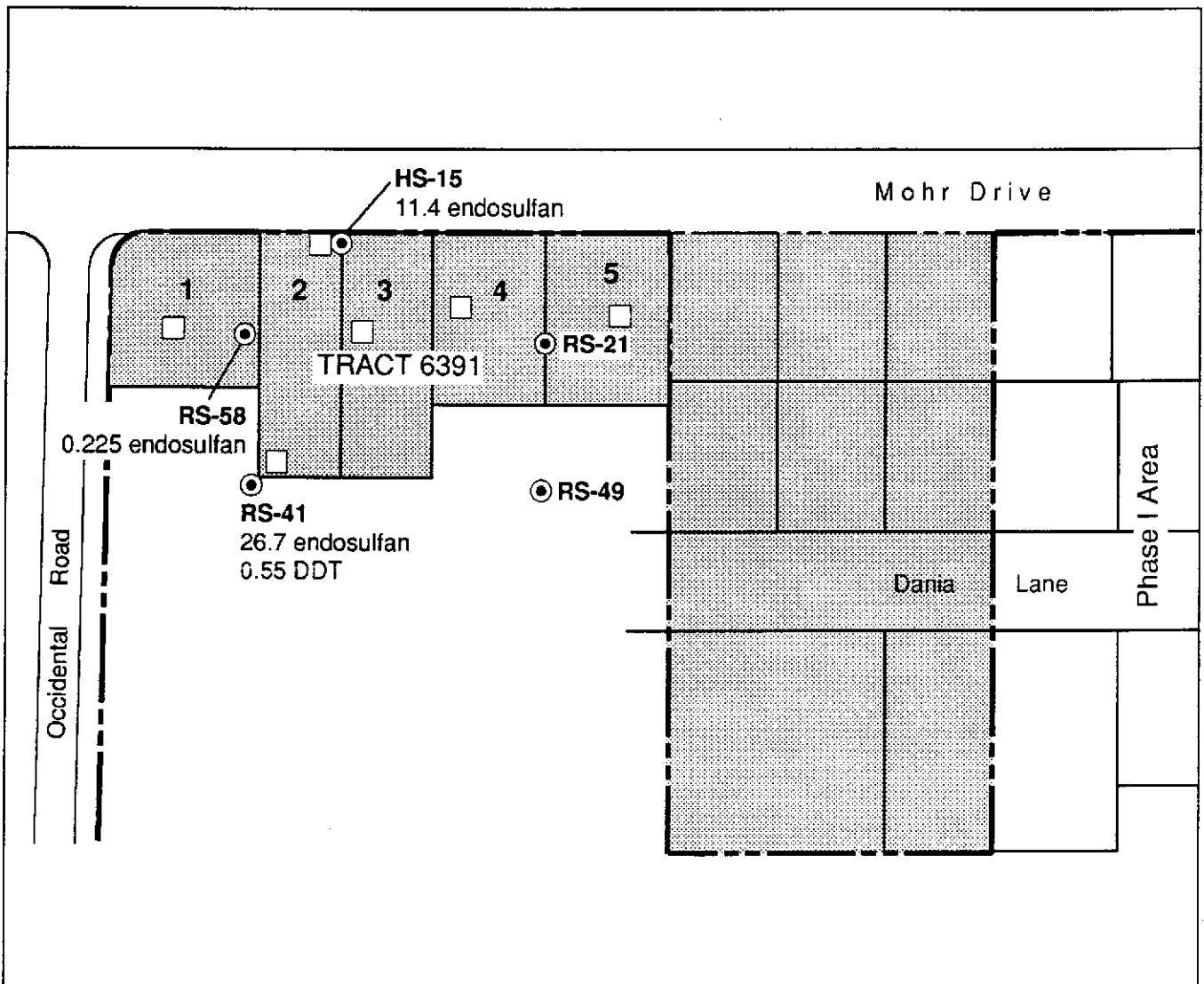
Jeffrey C. Nelson
Senior Staff Engineer



Tom Graf, P.E.
Vice President

JCN/slr
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Attachment



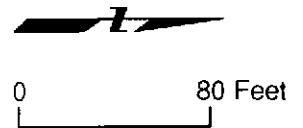
EXPLANATION

● Previously collected surface (0 - 6") soil sample location (Terratech), concentrations in mg/kg; pesticides not detected at sample locations with no concentrations indicated

□ Proposed soil sample locations

----- Sunnyside Nursery property boundary

▨ Phase II development area



PROPOSED SUPPLEMENTAL SOIL SAMPLING LOCATIONS
 PHASE II DEVELOPMENT AREA, TRACT 6391
 Sunnyside Nursery
 Hayward, California

Figure
 1
 Project No.
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